

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 3374 | ((cyclic adj3 silicone) or (phenyl adj3 trimethicone)) and (hair or keratin) and condition\$3 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>20:45 |
| L2    | 207  | L1 and ((phenyl adj3 trimethicone) same "%")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>20:45 |
| L3    | 275  | (((((cyclomethicone) or (phenyl adj3 trimethicone)) same Hair same conditioning)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>20:48 |
| L4    | 94   | (dendrimer same (PVA SAME PEG))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>21:13 |
| L5    | 4    | L4 and hair   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>21:14 |
| L6    | 184  | (PVA with PEG) with monomers  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>21:17 |
| L7    | 43   | L6 and hair   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>21:18 |
| L8    | 2016 | Hair and PVA  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>21:18 |
| L9    | 871  | Hair and PVA and PEG  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/04/24<br>21:18 |

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| L10 | 289  | Hair and (PVA same3 PEG same3 polymer)        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>21:18 |
| L11 | 274  | L10 and condition\$3                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>21:21 |
| L12 | 2    | "7335372"                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>21:24 |
| L13 | 2    | "20040115152".pn.                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>21:30 |
| L14 | 13   | hydroxylalkyl near4 fatty                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:09 |
| L15 | 1787 | ((fatty adj3 acid) with ester) and dendrimer  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:10 |
| L16 | 73   | ((fatty adj3 acid) with ester) same dendrimer | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:10 |
| L17 | 22   | L16 and hair                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:10 |
| L18 | 22   | ((fatty adj3 acid) with ester) same gantrez   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:11 |
| L19 | 3    | L18 and hair                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:11 |

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| L20 | 405  | ((nonionic or amphoteric near12 polymer) and (hair and condition\$3).ti. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:13 |
| L21 | 9    | L20 and gantrez  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:14 |
| L22 | 13   | "4155914"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:28 |
| L23 | 131  | (polethyleneimine or dendrimer or polylysine) same (hydroxyalkyl)        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:39 |
| L24 | 13   | l23 and hair   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:39 |
| L25 | 6479 | fatty near12 polyamine   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:42 |
| L26 | 396  | L25 and hair   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:42 |
| L27 | 448  | (hydrophobic near4 polyamine)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:43 |
| L28 | 37   | L27 and hair   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>22:43 |
| L29 | 118  | (livoreil near4 aude).in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>23:03 |

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| L30 | 100      | (vic near4 gabin).in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>23:03 |
| L31 | 138      | L29 or l30   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>23:04 |
| L32 | 1        | L31 and (vinyl adj3 amine).<br>clm.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>23:04 |
| L33 | 4        | L31 and (polyallylamine).<br>clm.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>23:04 |
| S1  | 5165     | (sugar or polysaccharide or<br>fructose maltose glucose)<br>near12 modifi\$5 near12<br>polymer | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:15 |
| S2  | 1036     | S1 and hair  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:16 |
| S3  | 2497     | (sugar or polysaccharide or<br>fructose maltose glucose)<br>near5 modifi\$5 near5<br>polymer   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:16 |
| S4  | 376      | S3 and hair  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:16 |
| S5  | 72       | S4 and polyethyleneimine   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:16 |
| S6  | 11269169 | (aude near4 livoreil)".in",  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:19 |

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| S7  | 118 | (aude near4 livoreil).in.                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:19 |
| S8  | 100 | (gabin near4 vic).in.                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:19 |
| S9  | 80  | S7 and S8   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:19 |
| S10 | 9   | S9 and sugar  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:19 |
| S11 | 342 | (polyethyleneimine near4<br>PEG)                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:23 |
| S12 | 63  | S11 and hair  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:23 |
| S13 | 24  | S12 and @ad< "20050316"                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:23 |
| S14 | 536 | (polyethyleneimine near4<br>(polyethylene adj3 glycol)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:24 |
| S15 | 44  | S14 and hair  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:24 |
| S16 | 24  | S15 and @ad< "20050316"                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>15:24 |

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| S17 | 2     | *20050129646*                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>16:13 |
| S18 | 2     | *20030224025*                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>16:19 |
| S19 | 8     | (polylysine near4 pva)            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>16:50 |
| S20 | 21    | PEI with pva with modifi\$5       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>16:51 |
| S21 | 11532 | (PEG same lysine)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:05 |
| S22 | 7661  | (PEG same lysine) same<br>polymer | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:05 |
| S23 | 5206  | (PEG with lysine) with<br>polymer | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:06 |
| S24 | 8     | (polylysine near4 pva)            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:06 |
| S25 | 176   | (polylysine with pva)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:06 |
| S26 | 13    | (polylysine with pva) and<br>hair | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:06 |

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| S27 | 0  | (starburst same3 amphomer)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:27 |
| S28 | 42 | (starburst and amphomer)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:27 |
| S29 | 42 | S28 and (keratin or hair)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:27 |
| S30 | 19 | (lupasol same polylysine)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>17:38 |
| S31 | 50 | "PVM/MA Copolymer"<br>same hydrophilic | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:07 |
| S32 | 10 | "PVM/MA Copolymer"<br>same hydrophobic | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:07 |
| S33 | 0  | "PVM/MA Copolymer"<br>same soluble     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:12 |
| S34 | 79 | "PVM/MA Copolymer"<br>same soluble     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:12 |
| S35 | 6  | "PVM/MA Copolymer" with<br>insoluble   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:13 |
| S36 | 0  | "PEI-polyethylene glycol"              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:51 |

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| S37 | 392 | (panthenol near12 condition\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:55 |
| S38 | 304 | S37 and hair                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/24<br>18:55 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query              | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------|-------------|------------------|---------|------------------|
| L34   | 4    | (vic near4 gabin).in.     | USPAT; UPAD | OR               | ON      | 2010/04/24 23:05 |
| L35   | 7    | (livoreil near4 aude).in. | USPAT; UPAD | OR               | ON      | 2010/04/24 23:06 |
| L36   | 7    | L34 or L35                | USPAT; UPAD | OR               | ON      | 2010/04/24 23:06 |
| L37   | 5    | I36 and (amine).clm.      | USPAT; UPAD | OR               | ON      | 2010/04/24 23:06 |
| L38   | 0    | L37 and (segment).clm.    | USPAT; UPAD | OR               | ON      | 2010/04/24 23:06 |

4/ 24/ 2010 11:07:51 PM

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